

Converting Colors

YUV(155.3560, 27.4325,
68.0938)

Have a look what the booklet for
YUV(155.3560, 27.4325, 68.0938)
contains.

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Color

**YUV(155.3560, 27.4325,
68.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	E969D3
RGB	233, 105, 211
RGB Percent	91%, 41%, 83%
CMY	0.0863, 0.5882, 0.1725
CMYK	0.00, 0.55, 0.09, 0.09
HSL	310°, 74%, 66%
HSV	310°, 55%, 91%
XYZ	50.4137, 32.1299, 65.1726
YIQ	155.3560, 42.2620, 60.1020

Conversions

Conversions Part 2

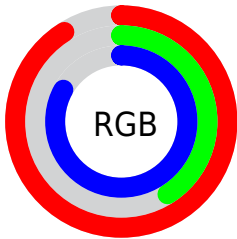
Format	Color
R _Y B	233, 105, 211
Decimal	15296979
CIE Lab	63.45, 62.28, -31.57
CIE LCh	63, 69.824, 333.121
Yxy	32.1299, 0.3413, 0.2175
Android (android.graphics.Color)	4293487059 (0xFFE969D3)
YUV	155.3560, 27.4325, 68.0938
Hunter-Lab	56.6833, 59.5610, -28.4915

Details

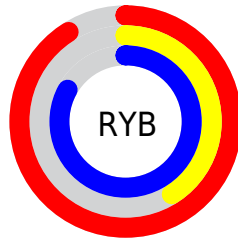
The YUV color **155.3560, 27.4325, 68.0938** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **182.6440, -27.4325, -68.0938**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8220, 27.2028, 48.3911**, and **97.3990, 28.8903, 67.1791** is the 20% darker color. If you saturate the color by 10%, you get **141.3990, 32.3413, 80.3341**, and if you desaturate by 10%, it is **169.3130, 22.5237, 55.8535**.

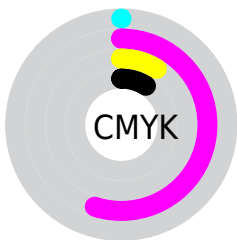
Distribution



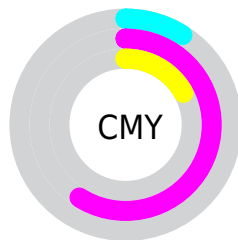
- Red (91%)
- Green (41%)
- Blue (83%)



- Red (91%)
- Yellow (41%)
- Blue (83%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3560, 27.4325, 68.0938 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 155.3560, 27.4325, 68.0938 by changing the saturation by 10% instead.


 155.3560, 27.4325,
68.0938


 155.3560, 27.4325,
68.0938


255.0000, 0.0000,
0.0000


 126.7580, 27.7273,
66.8642


 199.8220, 27.2028,
48.3911


 97.3990, 28.8903,
67.1791


 216.8450, 18.8104,
33.4619


 59.0610, 34.9729,
76.2455

 233.8680, 10.4181,
18.5328

 47.1380, 28.0330,
62.1460

 250.8910, 2.0257,
3.6036

 36.3290, 21.5298,
47.9465

 25.9330, 15.3160,
34.2618

 15.2380, 9.2497,

19.9623

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 155.3560, 27.4325,
68.0938

■ 155.3560, 27.4325,
68.0938

■ 141.3990, 32.3413,
80.3341

■ 169.3130, 22.5237,
55.8535

■ 126.8550, 37.5395,
93.0892

■ 183.8570, 17.3255,
43.0984

■ 112.8980, 42.4483,
105.3295

■ 197.8140, 12.4167,
30.8581

■ 98.9410, 47.3571,
117.5697

■ 211.7710, 7.5079,
18.6178

91.6690, 49.9562,
123.9473

226.3150, 2.3097,
5.8627

240.2720, -2.5991,
-6.3775

246.5980, -3.7458,
-11.9254

247.0540, -1.9986,
-12.3254

247.5100, -0.2514,
-12.7253

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.8670, 48.8726, 4.5016



155.3560, 27.4325, 68.0938



145.5880, 2.1751, 95.9543

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



155.3560, 27.4325, 68.0938



143.0330, -70.5153, 30.6661



131.3270, 43.7158, -115.1738

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



155.3560, 27.4325, 68.0938



182.6440, -27.4325, -68.0938

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.9600, 16.7817, -109.5899



155.3560, 27.4325, 68.0938



137.1650, -50.8603, -20.3157

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



155.3560, 27.4325, 68.0938



147.5860, -55.5049, 69.6461



115.2020, -10.4526, -101.0322



131.7950, 60.7401, -115.5842

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



155.3560, 27.4325, 68.0938



144.4360, -17.4699, 96.9646



115.2020, -10.4526, -101.0322



129.7480, 35.1272, -113.7890

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



155.3560, 27.4325, 68.0938



230.1350, 8.8074, 21.8066



125.8710, 52.8146, 0.1131



112.7550, 5.0508, 13.3699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.3560, 27.4325, 68.0938



153.0780, 35.9505, 89.3856



148.1740, -0.0858, 74.3924



110.3150, 2.3097, 5.8627



71.2190, 38.8390, 96.2779



21.1620, 11.2591, 28.7989

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



155.3560, 27.4325, 68.0938



153.0780, 35.9505, 89.3856



189.8260, 0.0858, -74.3924



110.3150, 2.3097, 5.8627



71.2190, 38.8390, 96.2779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 155.3560, 27.4325, 68.0938 looks on a white background.

Color Contrast Check

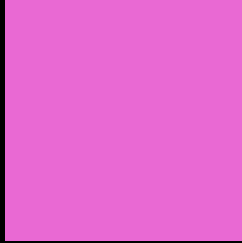
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 155.3560, 27.4325, 68.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

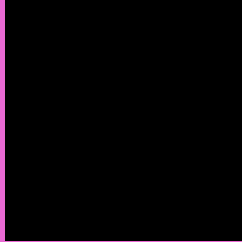
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.3560, 27.4325, 68.0938

Background



This preview shows how black text looks on a background with the YUV color 155.3560, 27.4325, 68.0938.



This preview shows how white text looks on a background with the YUV color 155.3560, 27.4325, 68.0938.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

155.3560, 27.4325, 68.0938

Protanopia

151.5930, 47.5287, -31.2151

Deuteranopia

154.8240, 23.7508, -11.2466



Tritanopia

154.9260, -10.8095, 60.5779

Trichromacy



Original Color

155.3560, 27.4325, 68.0938



Protanomaly

152.9890, 40.4314, 5.2716



Deuteranomaly

155.0540, 25.1164, 17.4926



Tritanomaly

154.9060, 3.0043, 63.2264

Monochromacy



Original Color

155.3560, 27.4325, 68.0938



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.0860, 9.8176, 24.4806

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3560, 27.4325, 68.0938 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 105, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 105, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 105, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 105, 211) }
```

Border

The CSS property to change the border of an element to YUV 155.3560, 27.4325, 68.0938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 105, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 105, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 105, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 105, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 105, 211);  
box-shadow:4px 4px 4px 4px rgb(233, 105,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 155.3560, 27.4325, 68.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 105, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
105, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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